We claim:

A therapeutic composition for treating a human or animal comprising,

a compound capable of altering nucleic acid function admixed with a nonionic block copolymer, wherein the block copolymer has the following formula:

$HO(C_3H_6O)_b(C_2H_4O)_a(C_3H_6O)_bH$

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wherein "b" represents a number such that the molecular weight of the hydrophobe $(C_3H_6O)_b$ is between approximately 2,000 and 20,000, and "a" represents a number such that the percentage of hydrophile $(C_2H_4O)_a$ is between approximately 1% and 90%.

2. The composition of Claim 1, wherein:

"b" represents a number such that the molecular weight of the hydrophobe $(C_3H_6O)_b$ is between approximately 750 and 10,000, and "a" represents a number such that the percentage of hydrophile $(C_2H_4O)_a$ is between approximately 1% and 90%.

3. The composition of Claim 1, wherein:

"b" represents a number such that the molecular weight of the hydrophobe $(C_3H_6O)_b$ is between approximately 750 and 20,000, and "a" represents a number such that the percentage of hydrophile $(C_2H_4O)_a$ is between approximately 1% and 90%.

4. The composition of Claim 1, wherein:

the mean aggregate molecular weight of the portion of the wherein "b" represents a number such that the molecular weight of the hydrophobe (C₃H₆O)_b is approximately

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2500, and "a" represents a number such that the percentage of hydrophile $(C_2H_4O)_a$ is approximately 10%.

- 5. The composition of Claim 1, wherein the compound capable of altering nucleic acid sequence function is selected from genes, oligonucleotides, antisense oligonucleotides, triplex DNA compounds, or ribozymes.
- 6. The composition of Claim 1, further comprising approximately 0.1% to approximately 5% by weight of a surfactant and approximately 0.5% to approximately 5% by volume of an low molecular weight alcohol.
- 7. The composition of Claim 6, wherein the surfactant is Tween 80 and the alcohol is ethanol.
- 8. The composition of Claim 1, further comprising an expression vector, wherein the compound capable of altering nucleic acid sequence function is a nucleic acid sequence contained in the expression vector, and the expression vector is capable of expressing the nucleic acid sequence.

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A method of delivering a compound capable of altering nucleic acid sequence function to a human or animal comprising,

administering to a human or animal a composition comprising a compound capable of altering nucleic acid function admixed with a nonionic block copolymer, wherein the block copolymer has the following formula:

$HO(C_3H_6O)_b(C_2H_4O)_a(C_3H_6O)_bH$

POP POE POP

wherein "b" represents a number such that the molecular weight of the hydrophobe $(C_3H_6O)_b$ is between approximately 2,000 and 20,000, and "a" represents a number such that the percentage of hydrophile $(C_2H_4O)_a$ is between approximately 1% and 90%.

10. The composition of Claim 9, wherein:

"b" represents a number such that the molecular weight of the hydrophobe $(C_3H_6O)_b$ is between approximately 750 and 10,000, and "a" represents a number such that the percentage of hydrophile $(C_2H_4O)_a$ is between approximately 1% and 90%.

11. The composition of Claim 9, wherein:

"b" represents a number such that the molecular weight of the hydrophobe $(C_3H_6O)_b$ is between approximately 750 and 20,000, and "a" represents a number such that the percentage of hydrophile $(C_2H_4O)_a$ is between approximately 1% and 90%.

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12. The composition of Claim 9, wherein:

the mean aggregate molecular weight of the portion of the wherein "b" represents a number such that the molecular weight of the hydrophobe $(C_3H_6O)_b$ is approximately 2500, and "a" represents a number such that the percentage of hydrophile $(C_2H_4O)_a$ is approximately 10%.

- 13. The method of Claim 9, wherein the compound capable of altering nucleic acid sequence function is selected from genes, oligonucleotides, antisense oligonucleotides, triplex DNA compounds, or ribozymes.
- 14. The method of Claim 9, further comprising approximately 0.1% to approximately 5% by weight of a surfactant and approximately 0.5% to approximately 5% by volume of an low molecular weight alcohol.
- 15. The method of Claim 14, wherein the surfactant is Tween 80 and the alcohol is ethanol.
- 16. The method of Claim 9, further comprising an expression vector, wherein the compound capable of altering nucleic acid sequence function is a nucleic acid sequence contained in the expression vector, and the expression vector is capable of expressing the nucleic acid sequence.

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